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Notice of Allowability	Application No.	Applicant(s)	
	10/567,640	SPENCER ET AL.	
	Examiner	Art Unit	
	Ling-Siu Choi	1713	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *02/10/2007*..

2. ☒ The allowed claim(s) is/are *1-10*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☒ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ :
      3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

1. This Office Action is in response to the Response A filed 02/10/2007. Claims 1-10 are now pending, wherein claims 1-8 are drawn to a glass-filled coupled impact propylene copolymer composition and claims 9-10 are drawn to a method for blow molding the composition into an automotive article.

Allowable Subject Matter

2. Claims 1-10 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The present claims are allowable over the closest references: Ramanathan et al. (US 2003/0069362 A1), and Geddes et al. (US 4,997,875).

Summary of Claim 1:

A glass-filled coupled impact propylene copolymer composition comprising	
A	a coupled impact propylene copolymer
B	a glass fiber
C	optionally a functionalized olefin polymer in a sufficient amount to act as a compatibity agent between the coupled impact propylene copolymer and the glass fiber
wherein the glass-filled coupled impact propylene copolymer composition has a flexural modulus as determned by ASTM D 790 of at least 5000 mPa	

Ramanathan et al. disclose a coupled propylene polymer composition comprising a coupled impact propylene copolymer and optionally one or more of a polyolefin elastomer, a thermoplastic polymer or a filler, wherein the coupled impact propylene copolymer is the product of the impact propylene polymer and the coupling agent which is a sulfonyl azide such as 4,4'-oxy-bis(sulfonylazido)benzene; the filler can be a glass fiber; the additional thermoplastic polymer can be a functionalized polypropylene such as maleated polypropylene which reads on the compatibility agent ([0023], [0030], [0032], claims 1-3, 5, and 10). Attention is directed to the Table I, wherein Example 1, 2, or 3 has the flex modulus of 3.26 x 10^5 psi (2247.7 mPa), 1.58 x 10^5 psi (1089.4 mPa), or 2.42 x 10^5 psi (1668.5 mPa), respectively. Ramanathan et al. further disclose a process for blow molding a coupled impact propylene polymer composition, comprising the steps of (A) extruding a coupled impact propylene polymer in an extruder through a die; (B) forming a molten tube-shaped parison; (C) holding the parison within a shaping mold; (D) blowing a gas into the mold so as to shape the parison according to the profile of the mold; and (E) yielding a blow molded automotive article (([0023], [0030], [0032], claims 1-3, 5, 10, 14 and 17). However, Ramanathan et al. do not teach or fairly suggest a coupled propylene polymer composition comprising a coupled impact propylene copolymer, a glass fiber, and optionally a functionalized olefin polymer, wherein the glass-filled coupled impact propylene copolymer composition has a flexural modulus of at least 5000 mPa.

Geddes et al. disclose a composition comprising (A) a propylene copolymer, (B) a fiber reinforcing agent, and (C) a coupling agent, wherein the reinforcing agent is

glass fiber and the coupling agent is a maleic anhydride-modified propylene polymer; the propylene homopolymer has a melt flow rate (MFR) of about from 55-430 dg/min (abstract; col. 3, lines 8-14; claims 1, 6, and 8). However, Geddes et al. do not teach or fairly suggest a coupled propylene polymer composition comprising a coupled impact propylene copolymer, a glass fiber, and optionally a functionalized olefin polymer, wherein the glass-filled coupled impact propylene copolymer composition has a flexural modulus of at least 5000 mPa.

In light of the above discussion, it is evident as to why the present claims are patentable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ling-Siu Choi whose telephone number is 571-272-1098.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu, can be reach on 571-272-1114.

LING-SUI CHOI
PRIMARY EXAMINER

March 15, 2007